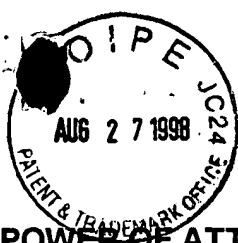


Docket No. 10000-1



DECLARATION AND POWER OF ATTORNEY

I/We declare that:

1. My/Our residence, post office address(es) and citizenship(s) are as stated below next to my/our name(s).
2. I/We am/are the original, first and sole/joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **VAPOR/LIQUID CONTACTING CYCLONE WITH SECONDARY VANES**, the specification of which was filed as U.S. Serial No. 09/107,787 on June 30, 1998.
3. I/We have reviewed and understand the contents of the above-identified specification, including the claims.
4. I/We acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR 1.56(a), including material information as defined in 37 CFR 1.56(a) which occurred between the filing date of any prior application identified in 5. below and the filing date of this application, with respect to any additional subject matter which is not disclosed in any prior application identified below.
5. I/We claim the benefit under 35 USC 120 of any United States application(s) listed below:
6. I/We appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application:

Attorney Name	Ronald J. Cier	Registration No.	28,199
Attorney Name	Malcolm D. Keen	Registration No.	27,728
Attorney Name	Ronald A. Bleeker	Registration No.	27,773
Attorney Name	Penny L. Prater	Registration No.	34,965

7. Address all telephone communication calls to Penny L. Prater at telephone number (703) 846-7732.

8. Address all written correspondence to:

Ronald A. Bleeker, Esq.
MOBIL OIL CORPORATION
Office of Legal Counsel
Intellectual Property
3225 Gallows Road
Fairfax, Virginia 22037

9. All statements made in this declaration of my/our own knowledge are true and all statements made on information and belief are believed to be true. These statements were made with the knowledge that willful false statements and the like are punishable by fine, imprisonment or both (18 USC 1001) and may jeopardize the validity of the application or any patent issuing on it.

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John S Buchanan
John S. Buchanan

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Date: Aug 17, 1998

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